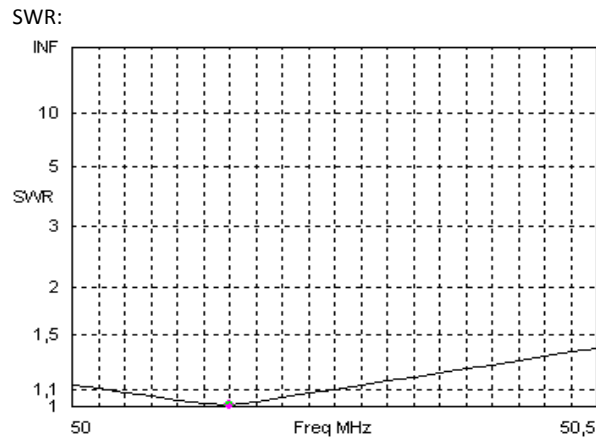


Bausatz 3 ele Yagi 50 MHz mit 2,55m Boom im 28 Ohm Design
Antenna kit 3 ele Yagi 50 MHz with 2,55m boom in 28 Ohm Design

Antennenabmessungen / Dimensions table			
	Durchmesser / Diameter (mm)	Länge / Length (mm)	Position (mm)
Reflektor / Reflector	12	2952	0
Strahler / Radiator	12	2790	1320
Direktor / Director	12	2656	2500

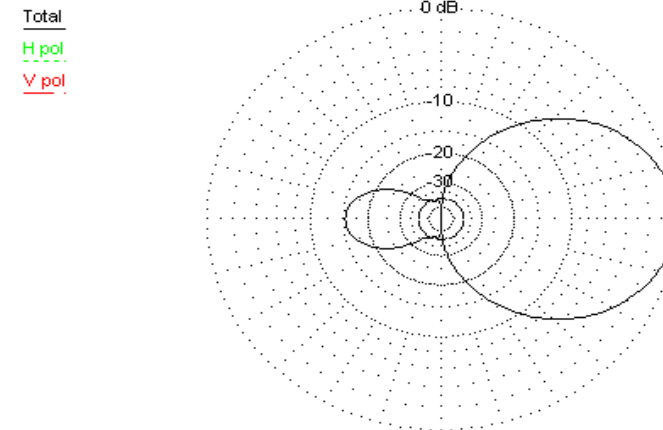
Alle Elementlängen gelten von Spitze zu Spitze, inklusive der Unterbrechung in der Mitte. All element lengths are given from tip to tip, including the spacing in the middle.



SWR: 1,1 to INF
 Freq 50,15 MHz Source # 1
 SWR 1,008 Z0 28 ohms
 Z 28 + j 0,2231 ohms
 Refl Coeff 0,003983 at 89,59 deg.

Horizontales Richtdiagramm / Azimuth plot

EZNEC-M



Azimuth Plot
 Elevation Angle 0,0 deg.
 Outer Ring 6,58dBref

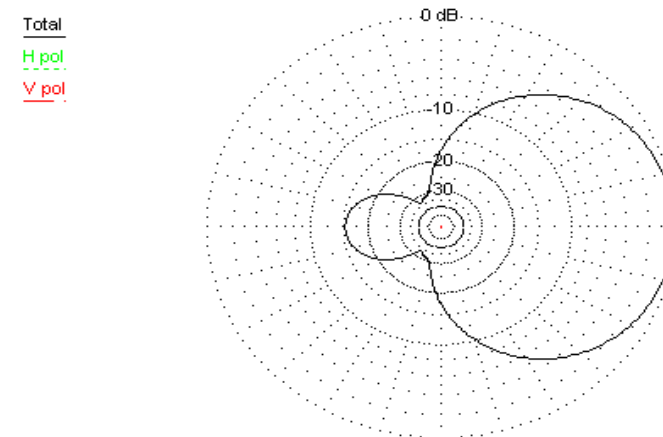
Cursor Az 0,0 deg.
 Gain 6,58 dBref
 0,0 dBmax

Slice Max Gain 6,58 dBref @ Az Angle = 0,0 deg.
 Front/Back 15,31 dB
 Beamwidth 61,0 deg.; -3dB @ 329,5, 30,5 deg.
 Sidelobe Gain -8,73 dBref @ Az Angle = 180,0 deg.
 Front/Sidelobe 15,31 dB

50,15 MHz

Vertikales Richtdiagramm / Elevation plot

EZNEC-M



Elevation Plot
 Azimuth Angle 0,0 deg.
 Outer Ring 6,58dBref

Cursor Elev 0,0 deg.
 Gain 6,58 dBref
 0,0 dBmax

Slice Max Gain 6,58 dBref @ Elev Angle = 0,0 deg.
 Front/Back 15,31 dB
 Beamwidth 91,8 deg.; -3dB @ 314,1, 45,9 deg.
 Sidelobe Gain -8,73 dBref @ Elev Angle = 180,0 deg.
 Front/Sidelobe 15,31 dB

50,15 MHz